

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E30684

Employer : Ecova

Worksite :

Street : 1313 N Atlantic St Suite 5000

Jurisdiction : City of Spokane

Survey Date : 5/8/2017

Survey Type : Online

Response Rate : 86%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 75.8%

Reported Total Employees at Worksite: 966

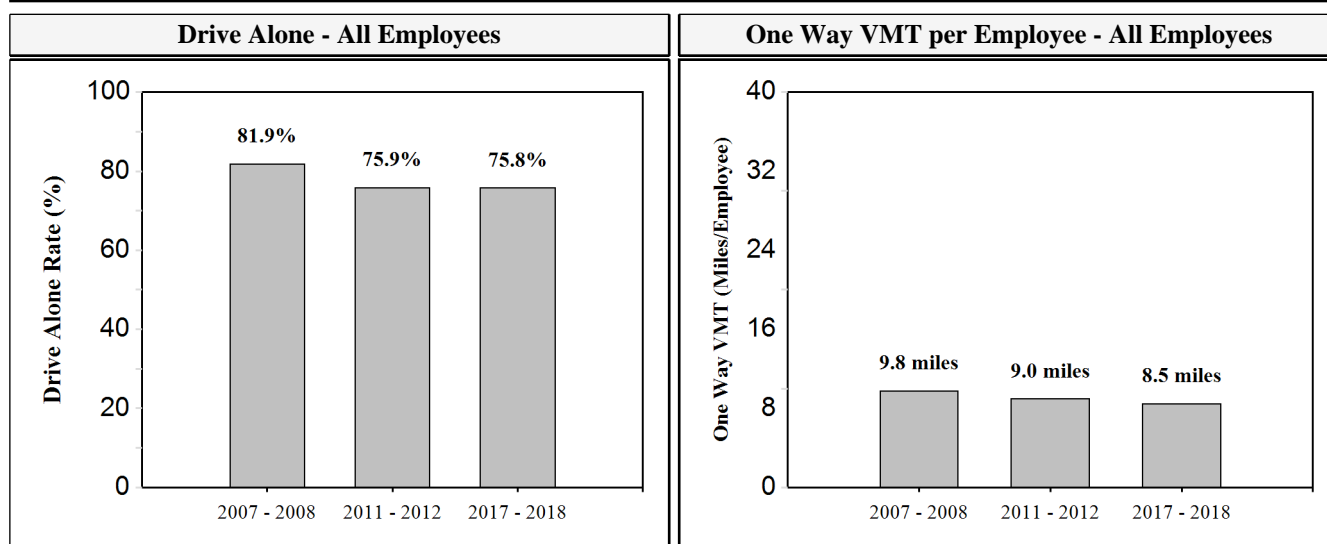
Surveys Distributed : 966

One-Way VMT per employee : 8.5

Surveys Returned : 830

Surveys Returned by CTR Affected Employees : 679

Total Estimated CTR - Affected Employees at Worksite : 790



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	81.9%	82.0%	9.8	9.6
2009 - 2010	82.5%	79.4%	9.3	9.4
2011 - 2012	75.9%	74.6%	9.0	9.0
2013 - 2014	N/A	N/A	N/A	N/A
2015 - 2016	N/A	N/A	N/A	N/A
2017 - 2018	75.8%	74.9%	8.5	8.4
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	-7.4%	-8.7%	-13.3%	-12.5%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2011 - 2012	2017 - 2018
Drive Alone - All Employees*	81.9%	75.9%	75.8%
Drive Alone - CTR Affected Employees*	82.0%	74.6%	74.9%
VMT/Employee - All Employees	9.8	9.0	8.5
VMT/Employee - CTR Affected Employees	9.6	9.0	8.4

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2011 - 2012	2017 - 2018
Emissions for Surveyed Employees	589	1,037	1,520
Estimated Emissions for Total Employment	839	1,113	1,769

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2011 - 2012	2017 - 2018
Bus Annual Passenger Miles - Estimated for Total Employment	40,993	47,661	57,844
Bus Annual Passenger Miles - Surveyed Employees	28,800	44,400	49,700
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	0
Ferry Annual Passenger Miles - Surveyed Employees	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	107	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	100	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

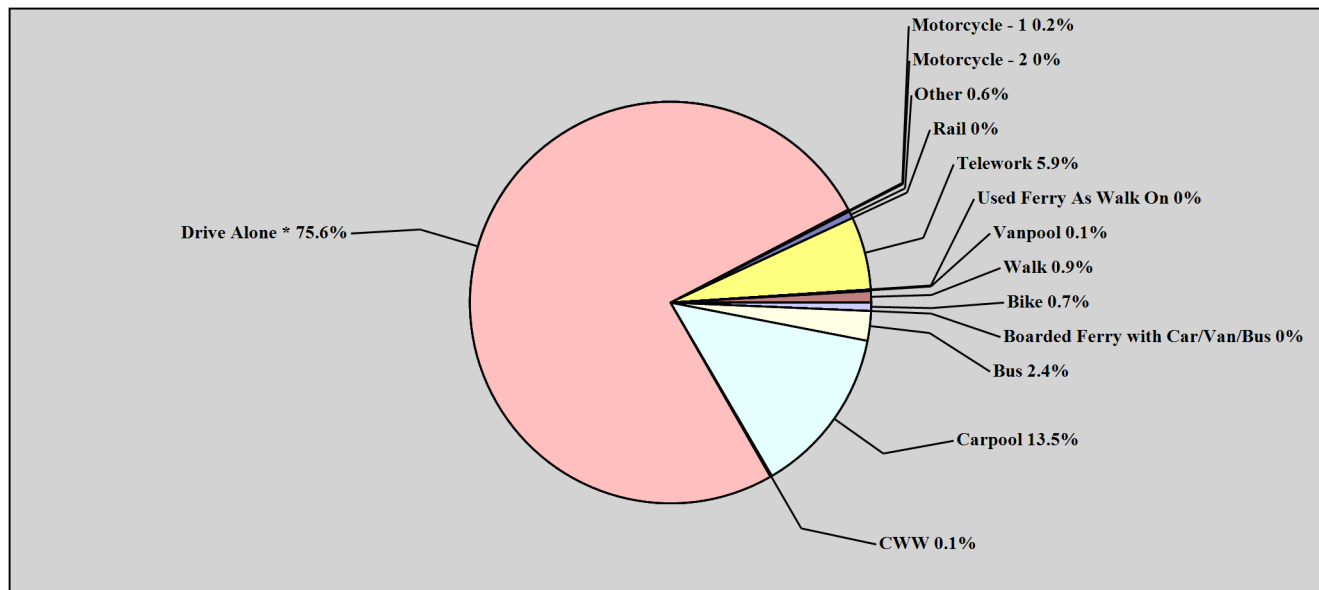
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 10.1 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



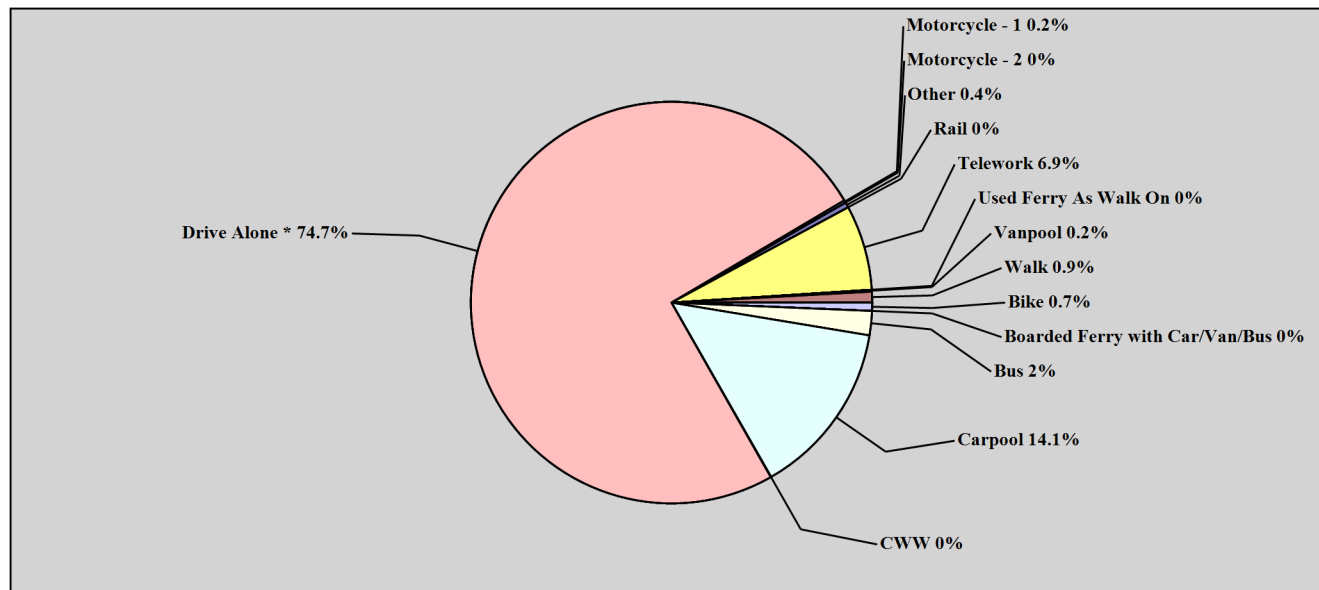
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	3,046	75.6%	75.9%	688	82.9%	84.0%
Carpool	545	13.5%	15.6%	140	16.9%	21.1%
Vanpool	5	0.1%	0.1%	1	0.1%	0.2%
Motorcycle - 1	7	0.2%	0.0%	2	0.2%	0.0%
Motorcycle - 2	0	0.0%	0.1%	0	0.0%	0.4%
Bus	96	2.4%	3.1%	26	3.1%	4.1%
Rail	0	0.0%	0.0%	0	0.0%	0.2%
Bike	27	0.7%	0.2%	10	1.2%	0.2%
Walk	37	0.9%	0.1%	9	1.1%	0.4%
Telework	237	5.9%	3.4%	101	12.2%	8.3%
CWW	5	0.1%	0.6%	3	0.4%	1.7%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	23	0.6%	1.0%	9	1.1%	2.3%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,487	74.7%	74.6%	567	83.5%	84.5%
Carpool	470	14.1%	15.9%	119	17.5%	21.2%
Vanpool	5	0.2%	0.2%	1	0.1%	0.2%
Motorcycle - 1	7	0.2%	0.0%	2	0.3%	0.0%
Motorcycle - 2	0	0.0%	0.1%	0	0.0%	0.2%
Bus	65	2.0%	3.5%	17	2.5%	4.7%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	22	0.7%	0.3%	9	1.3%	0.2%
Walk	29	0.9%	0.1%	7	1.0%	0.2%
Telework	228	6.9%	4.2%	98	14.4%	10.1%
CWW	1	0.0%	0.5%	1	0.1%	1.5%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	14	0.4%	0.8%	6	0.9%	2.5%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	550	66%	830	100%
1 Days	58	7%	280	34%
2 Days	39	5%	222	27%
3 Days	24	3%	183	22%
4 Days	37	4%	159	19%
5 Days	115	14%	122	15%
6 or More Days	7	1%	7	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	456	56.3%	129	15.9%	18	2.2%	106	13.1%	0	0%	1	0.1%	10	1.2%	3	0.4%	179	22.1%
4 days a week (4/10s)	2	33.3%	4	66.7%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
3 days a week	0	0%	6	66.7%	0	0%	1	11.1%	0	0%	0	0%	0	0%	0	0%	3	33.3%
9 days in 2 weeks (9/80)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	2	50%	1	25%	0	0%	0	0%	0	0%	0	0%	0	0%	1	25%

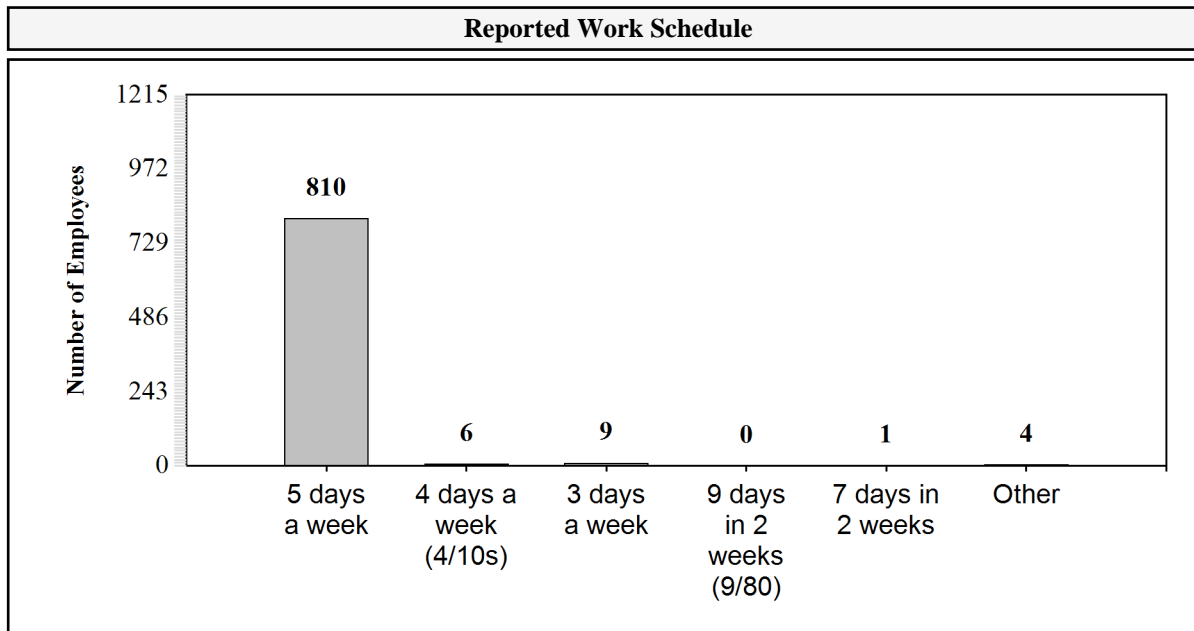
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	8
2	Motorcycle	0
2	Carpool	503
3	Carpool	42
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	5
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

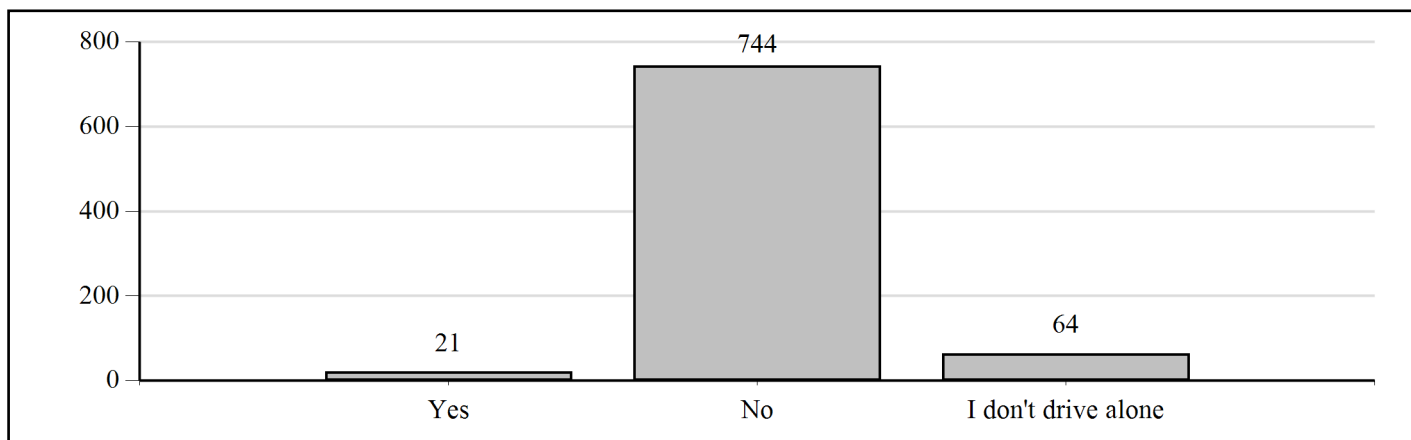
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	810	97.6%
4 days a week (4/10s)	6	0.7%
3 days a week	9	1.1%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	1	0.1%
Other	4	0.5%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.1%
I don't telework	605	72.9%
Occasionally, on an as-needed basis	84	10.1%
1-2 days/month	27	3.3%
1 day/week	58	7.0%
2 days/week	11	1.3%
3 days/week	44	5.3%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	333	20.6%
Environmental and community benefits	231	14.3%
Personal health or well-being	192	11.9%
I have the option of teleworking	178	11.0%
Driving myself is not an option	149	9.2%
Other	145	9.0%
Financial incentives for carpooling, bicycling or walking.	126	7.8%
Cost of parking or lack of parking	105	6.5%
Emergency ride home is provided	67	4.1%
Free or subsidized bus, train, vanpool pass or fare benefit	52	3.2%
Preferred/reserved carpool/vanpool parking is provided	21	1.3%
I receive a financial incentive for giving up my parking space	15	0.9%
To save time using the HOV lane	5	0.3%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	619	30.0%
Riding the bus or train is inconvenient or takes too long	506	24.6%
Family care or similar obligations	332	16.1%
Other	196	9.5%
My commute distance is too short	184	8.9%
Bicycling or walking isn't safe	161	7.8%
I need more information on alternative modes	25	1.2%
My job requires me to use my car for work	24	1.2%
There isn't any secure or covered bicycle parking	13	0.6%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	0	0	0	0	1	0	0	12
2	5	0	1	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	2
4	2	0	0	0	0	0	0	0	0	2
5	1	0	0	0	0	0	0	0	0	10
6	2	0	0	0	0	0	0	0	0	1
7	1	0	0	0	0	0	0	0	0	3
8	1	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0
10	2	0	0	0	0	0	0	0	0	6
11 or more	2	0	0	0	0	0	0	0	0	3
# Of Employees using Transit	18	0	1	0	0	0	1	0	0	42
Total One-Way Transit Trips Per Week	102	0	2	0	0	0	1	0	0	217

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	0	0	0	0	1	0	0	10
2	4	0	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0	2
5	1	0	0	0	0	0	0	0	0	8
6	2	0	0	0	0	0	0	0	0	1
7	1	0	0	0	0	0	0	0	0	3
8	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0
10	2	0	0	0	0	0	0	0	0	4
11 or more	1	0	0	0	0	0	0	0	0	2
# Of Employees using Transit	14	0	1	0	0	0	1	0	0	32
Total One-Way Transit Trips Per Week	76	0	2	0	0	0	1	0	0	163

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
83274	1	0.12%	0	0	0	0	0	0	0	0	5	0	0	0	0
83814	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0	0
83815	5	0.60%	25	0	0	0	0	0	0	0	2	0	0	0	0
83822	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0	0
83835	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0	0
83854	16	1.93%	68	4	0	0	0	0	0	0	7	0	0	0	0
83855	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0	0
83858	1	0.12%	4	0	0	0	0	0	0	0	1	0	0	0	0
83869	1	0.12%	0	5	0	0	0	0	0	0	0	0	0	0	0
83876	1	0.12%	3	2	0	0	0	0	0	0	0	0	0	0	0
84041	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0	0
98026	1	0.12%	0	0	0	0	0	0	0	0	5	0	0	0	0
98532	1	0.12%	3	0	0	0	0	0	0	0	2	0	0	0	0
98802	1	0.12%	3	0	0	0	0	0	0	0	2	0	0	0	0
99001	10	1.20%	47	0	0	0	0	0	0	0	2	0	0	0	0
99003	4	0.48%	11	5	0	0	0	0	0	0	4	0	0	0	0
99004	22	2.65%	75	18	0	0	0	0	0	0	15	0	0	0	0
99005	10	1.20%	30	4	0	0	0	0	0	0	8	0	0	0	5
99006	13	1.57%	56	0	0	0	0	0	0	0	7	0	0	0	0
99008	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0	0
99009	3	0.36%	12	0	0	0	0	0	0	0	0	0	0	0	0
99011	4	0.48%	15	0	0	0	0	0	0	0	0	0	0	0	0
99013	1	0.12%	0	5	0	0	0	0	0	0	0	0	0	0	0
99016	16	1.93%	71	0	0	0	4	0	0	0	4	0	0	0	0
99019	10	1.20%	30	16	0	0	0	0	0	0	2	0	0	0	0
99020	1	0.12%	0	5	0	0	0	0	0	0	0	0	0	0	0



99021	12	1.45%	44	10	0	0	0	0	0	0	0	0	0	0
99022	7	0.84%	29	1	0	0	0	0	0	0	3	0	0	0
99025	6	0.72%	25	5	0	0	0	0	0	0	0	0	0	0
99026	10	1.20%	37	11	0	0	0	0	0	0	2	0	0	0
99027	12	1.45%	45	0	0	0	0	0	0	0	6	0	0	0
99029	2	0.24%	2	9	0	0	0	0	0	0	0	0	0	0
99031	3	0.36%	10	3	0	0	0	0	0	0	0	0	0	0
99037	24	2.89%	97	10	0	0	5	0	0	0	7	0	0	0
99117	1	0.12%	1	3	0	0	0	0	0	0	1	0	0	0
99122	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0
99156	2	0.24%	3	1	0	0	0	0	0	0	0	3	0	0
99176	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0
99201	27	3.25%	76	25	0	0	5	0	4	26	1	0	0	1
99202	24	2.89%	81	14	0	5	5	0	0	0	7	1	0	6
99203	22	2.65%	81	1	0	0	18	0	2	0	4	0	0	5
99204	14	1.69%	44	16	0	0	0	0	0	10	0	0	0	0
99205	105	12.65%	331	130	0	0	13	0	5	1	20	1	0	0
99206	63	7.59%	230	57	0	0	8	0	0	0	11	0	0	0
99207	77	9.28%	257	84	0	0	20	0	11	0	4	0	0	3
99208	79	9.52%	309	33	0	1	0	0	3	0	38	0	0	1
99210	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0
99212	28	3.37%	119	0	0	0	5	0	0	0	13	0	0	0
99216	44	5.30%	178	9	5	0	0	0	0	0	22	0	0	0
99217	31	3.73%	117	26	0	0	0	0	0	0	7	0	0	0
99218	28	3.37%	124	0	0	0	7	0	0	0	5	0	0	2
99223	48	5.78%	179	20	0	2	6	0	0	0	14	0	0	0
99224	30	3.61%	129	13	0	0	0	0	2	0	6	0	0	0